

FIG. 1

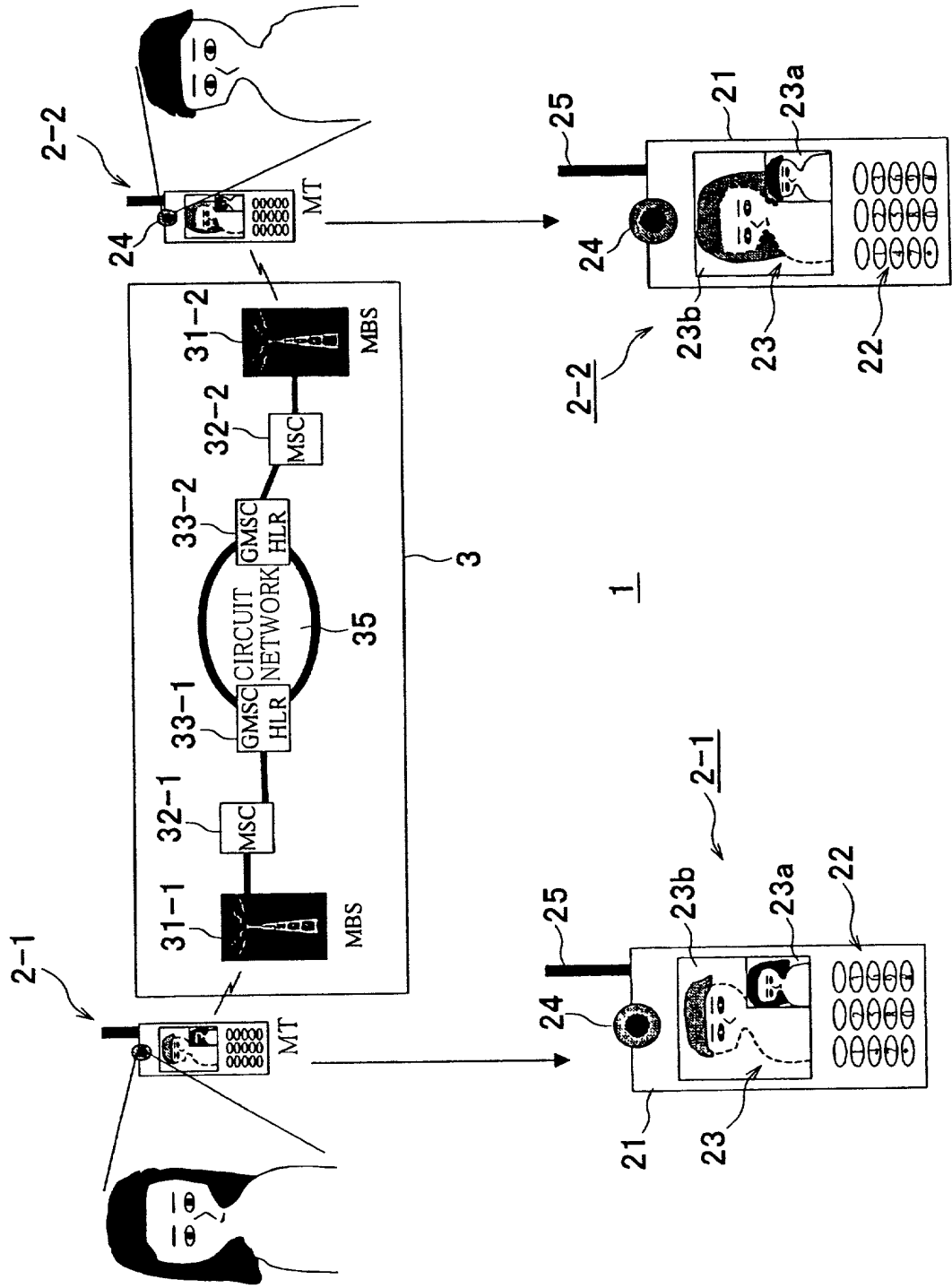


FIG. 2

100

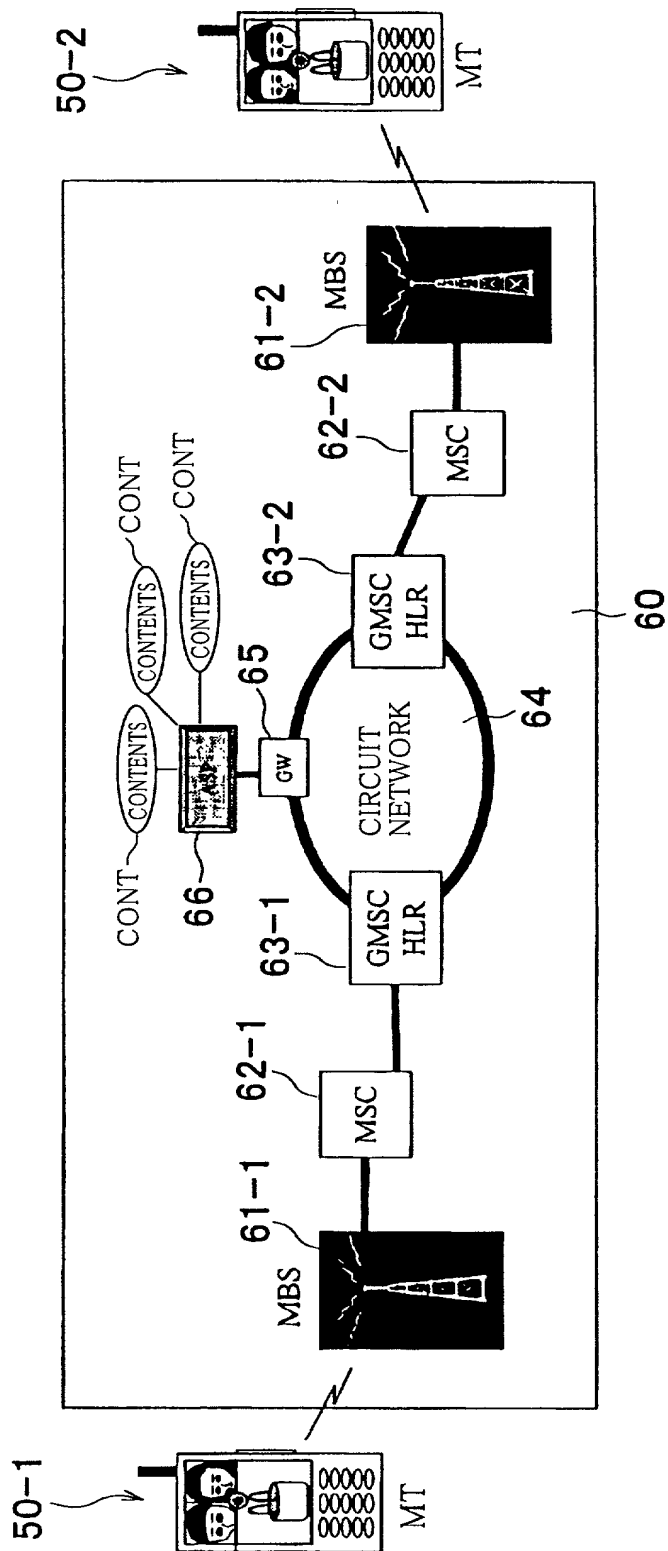


FIG.3

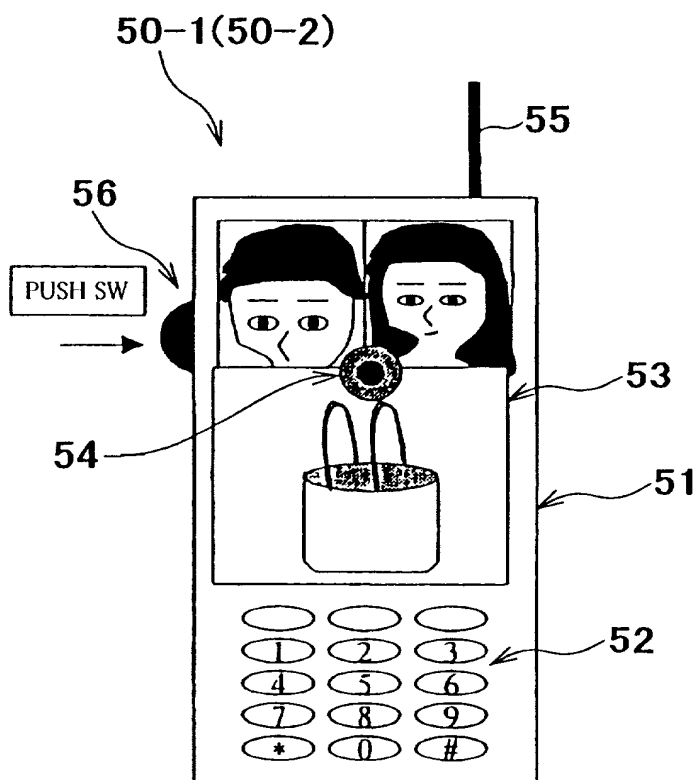


FIG.4

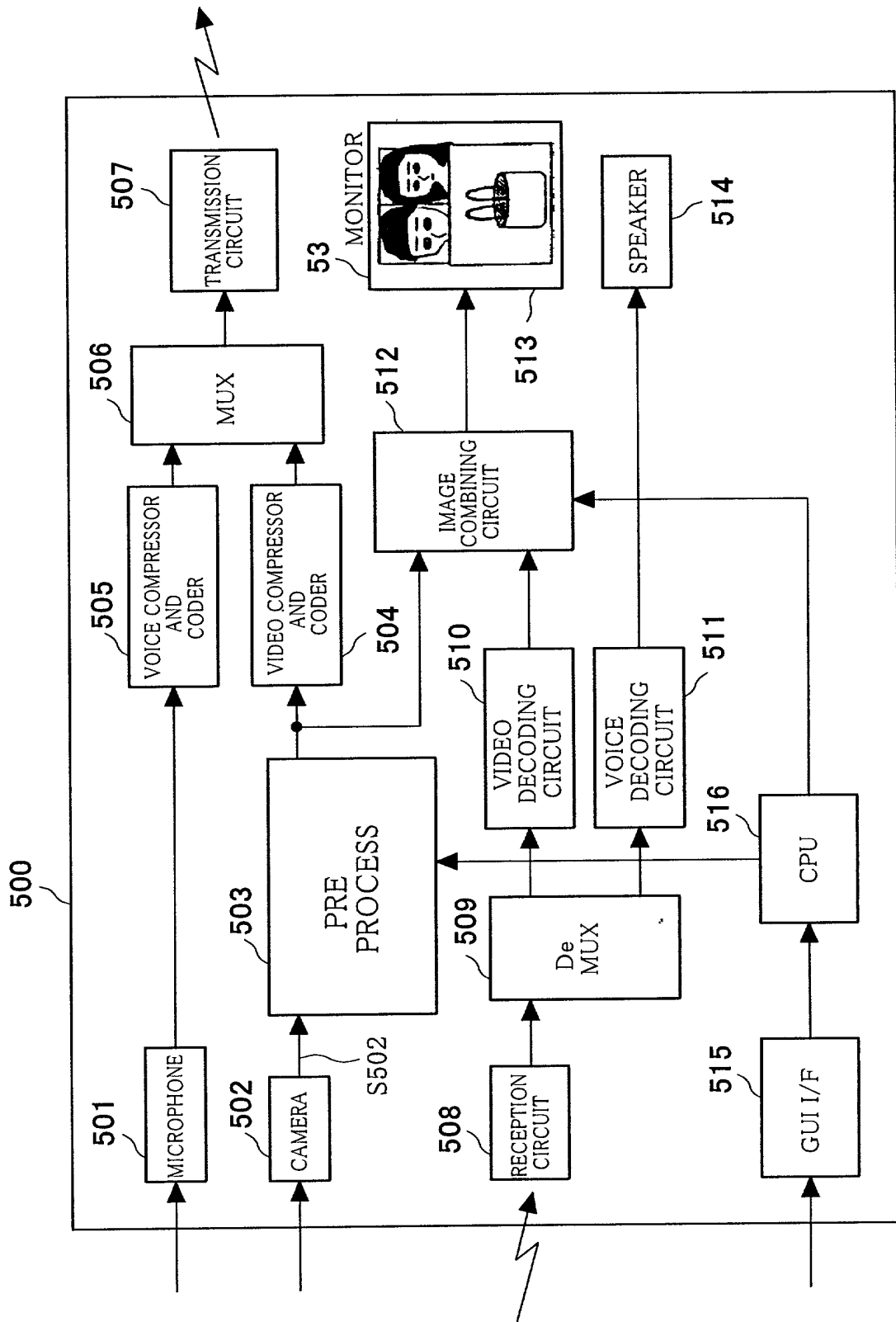


FIG.5

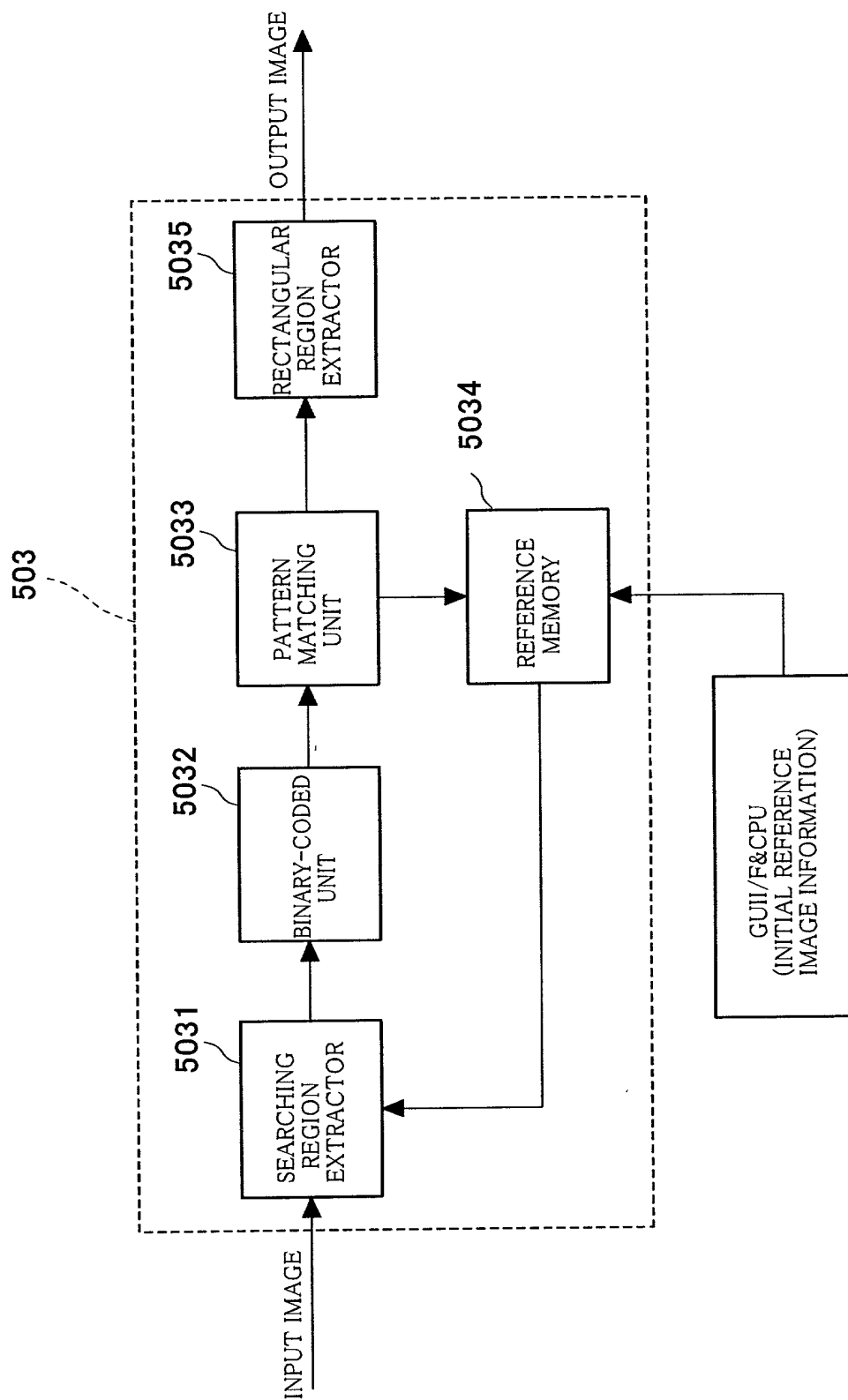


FIG.6A

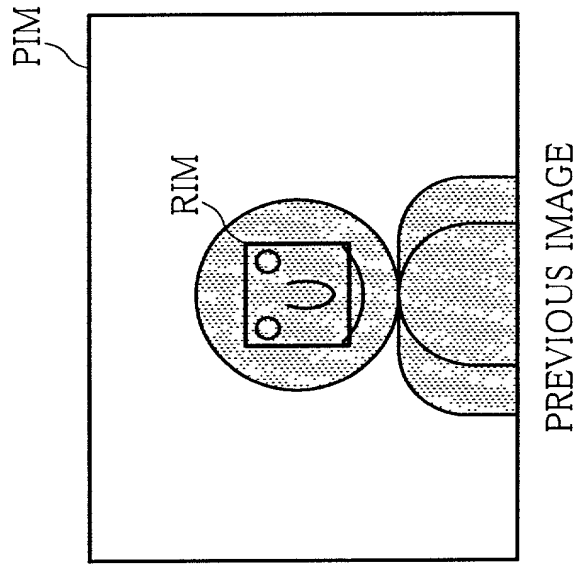


FIG.6B

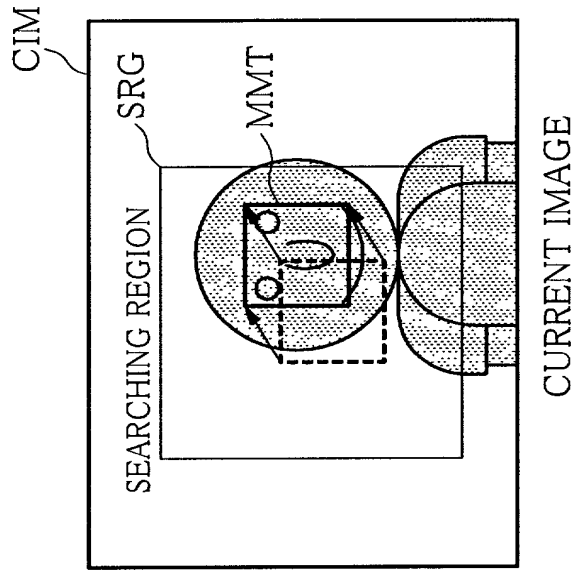


FIG. 7A

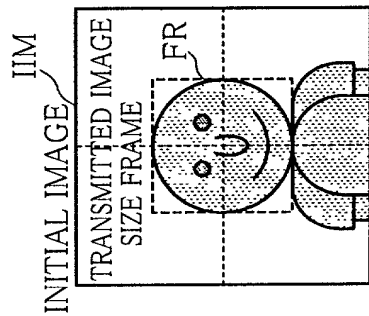


FIG. 7B

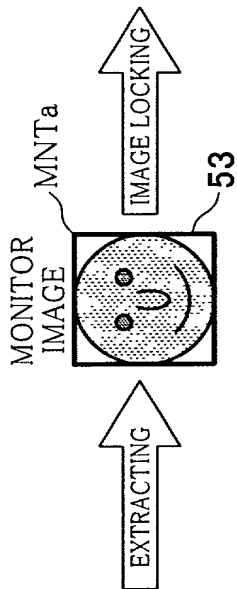
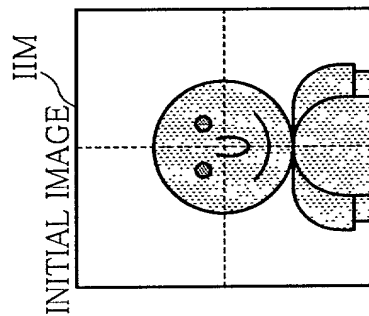


FIG. 7C



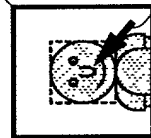
MONITORING OF TRANSMITTED IMAGE SIZE FRAME

FIG. 8A

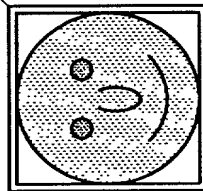


REDUCING

MONITOR
IMAGE
53



CUTTING OUT



- COORDINATE INFORMATION
- LUMINANCE INFORMATION

FIG. 8B

FIG. 8C

MNTb
POI
POINTER

MONITORING OF REDUCED IMAGE

FIG.9

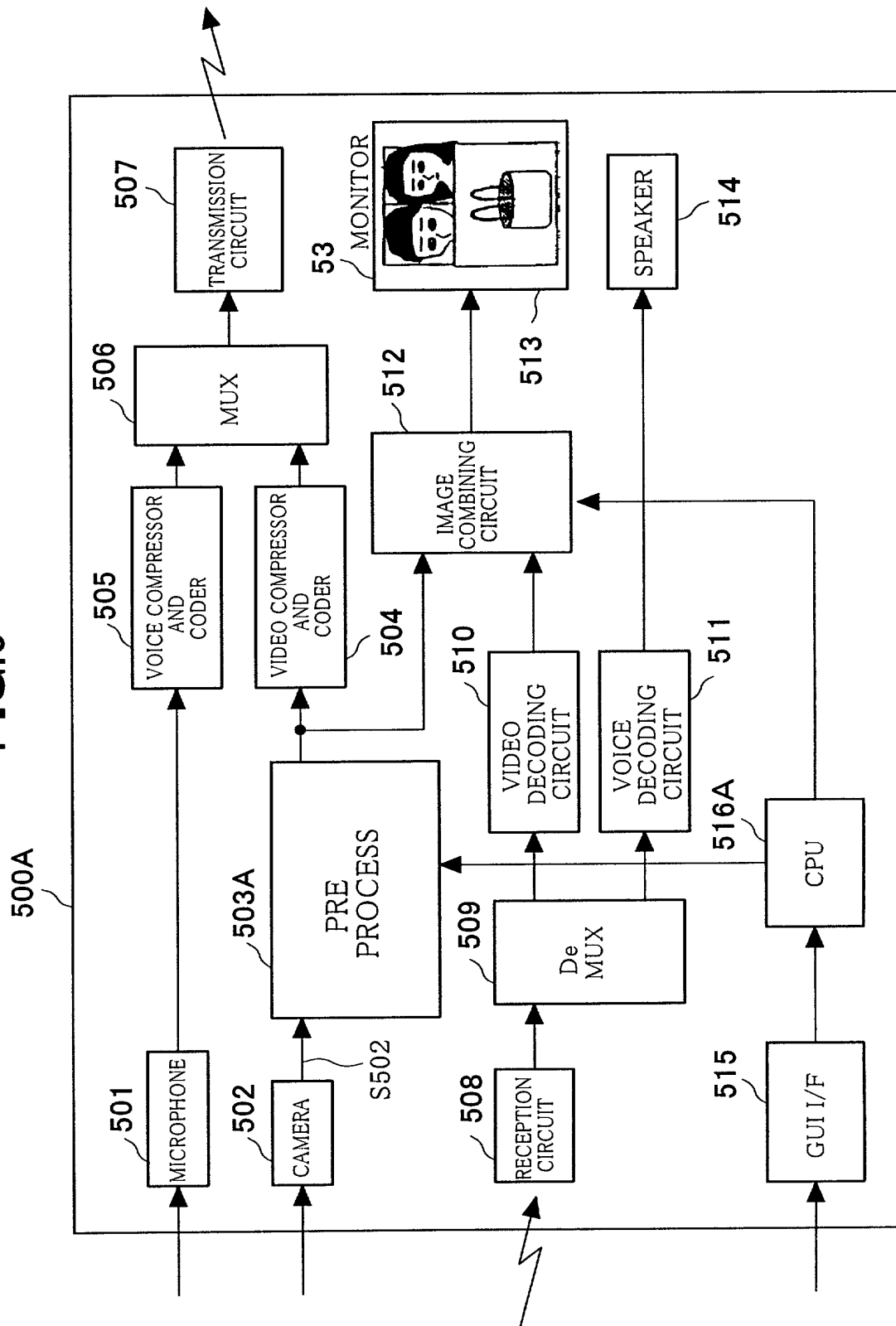


FIG.10

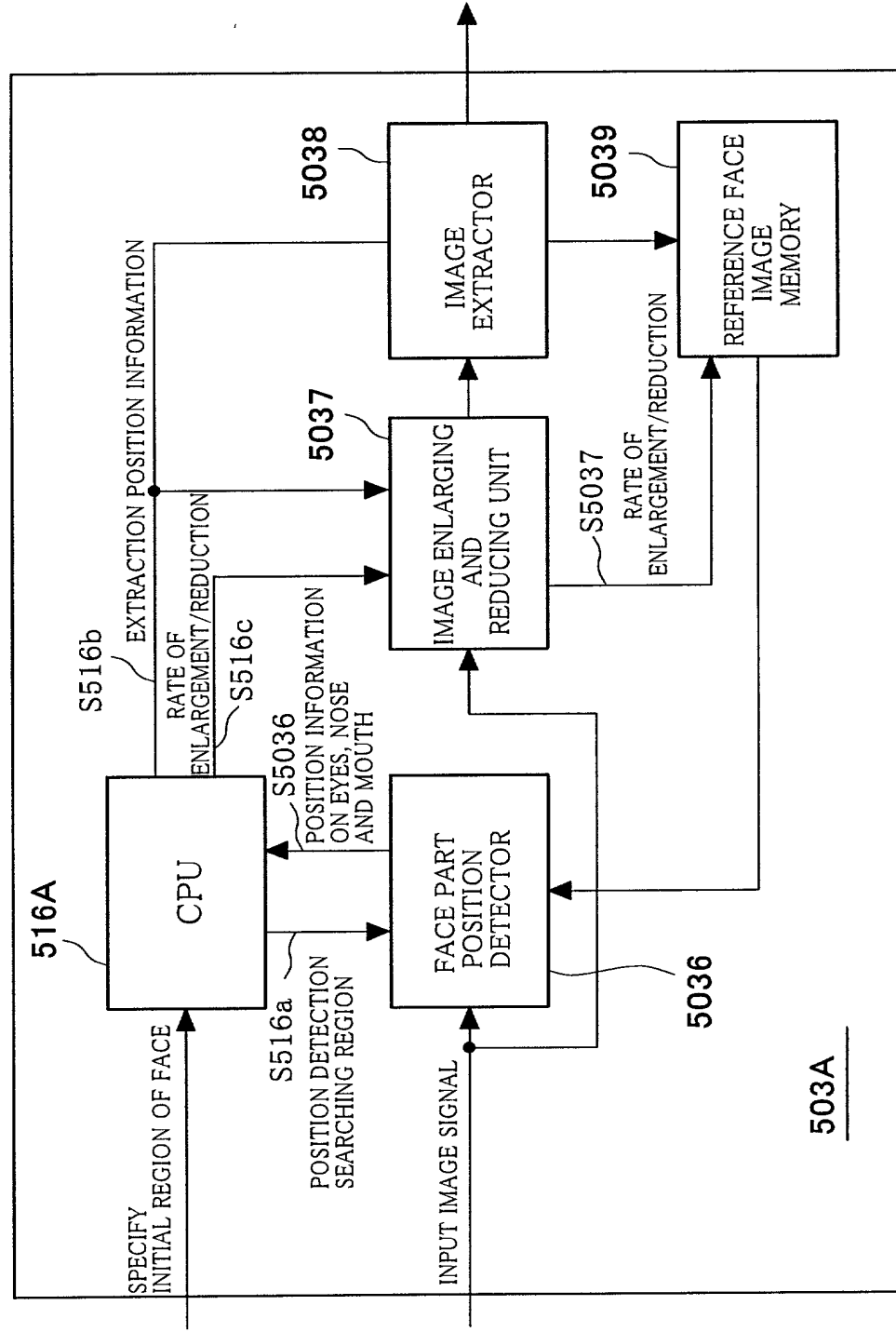
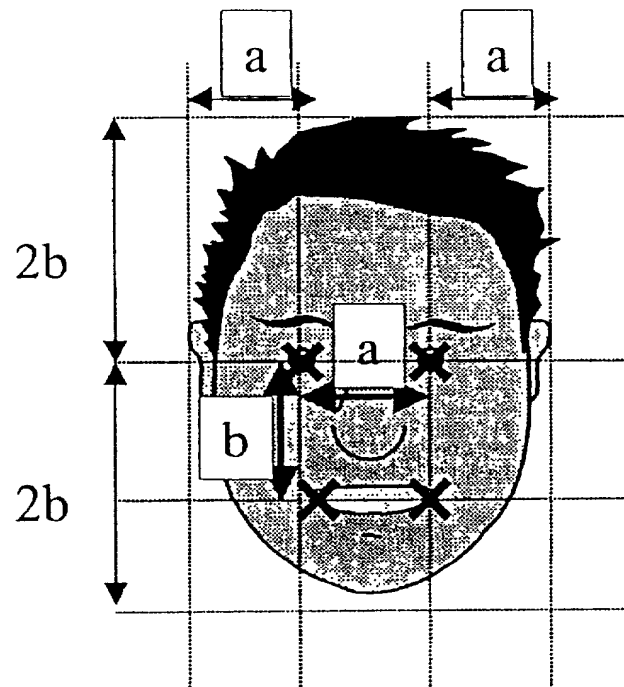
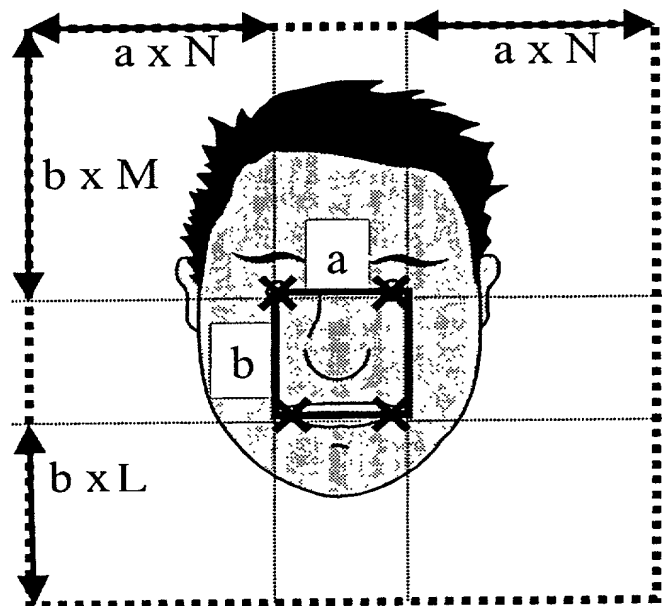


FIG.11



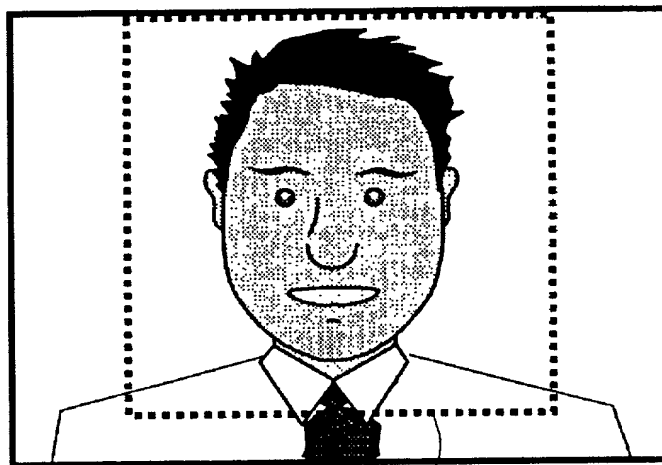
EXAMPLE OF FACE SIZE CALCULATION

FIG.12



EXAMPLE OF FACE PART DETECTION SEARCHING REGION

FIG.13



FACE PART SEARCHING REGION

FIG.14

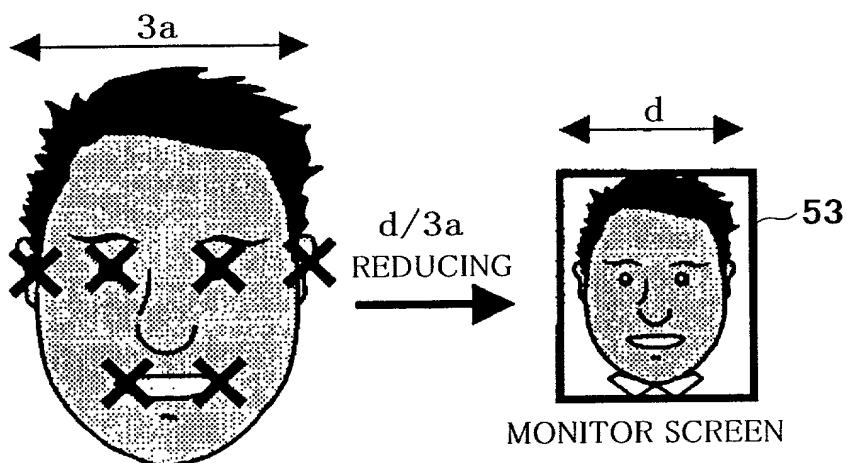


FIG.15

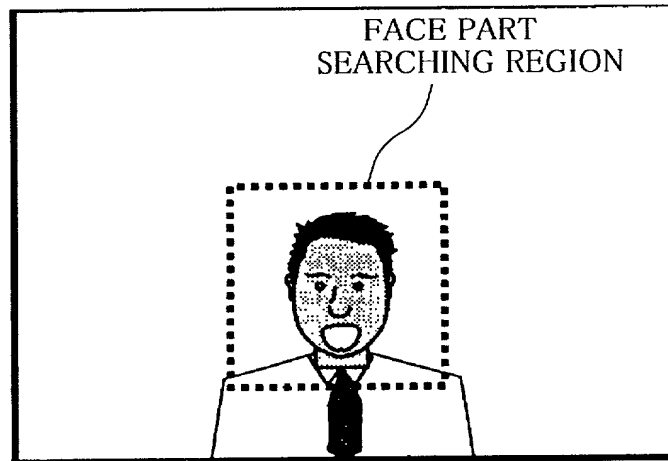


FIG.16

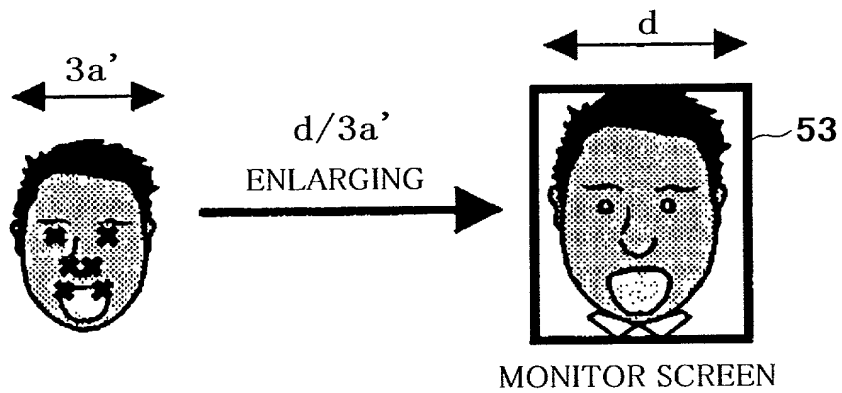


FIG.17

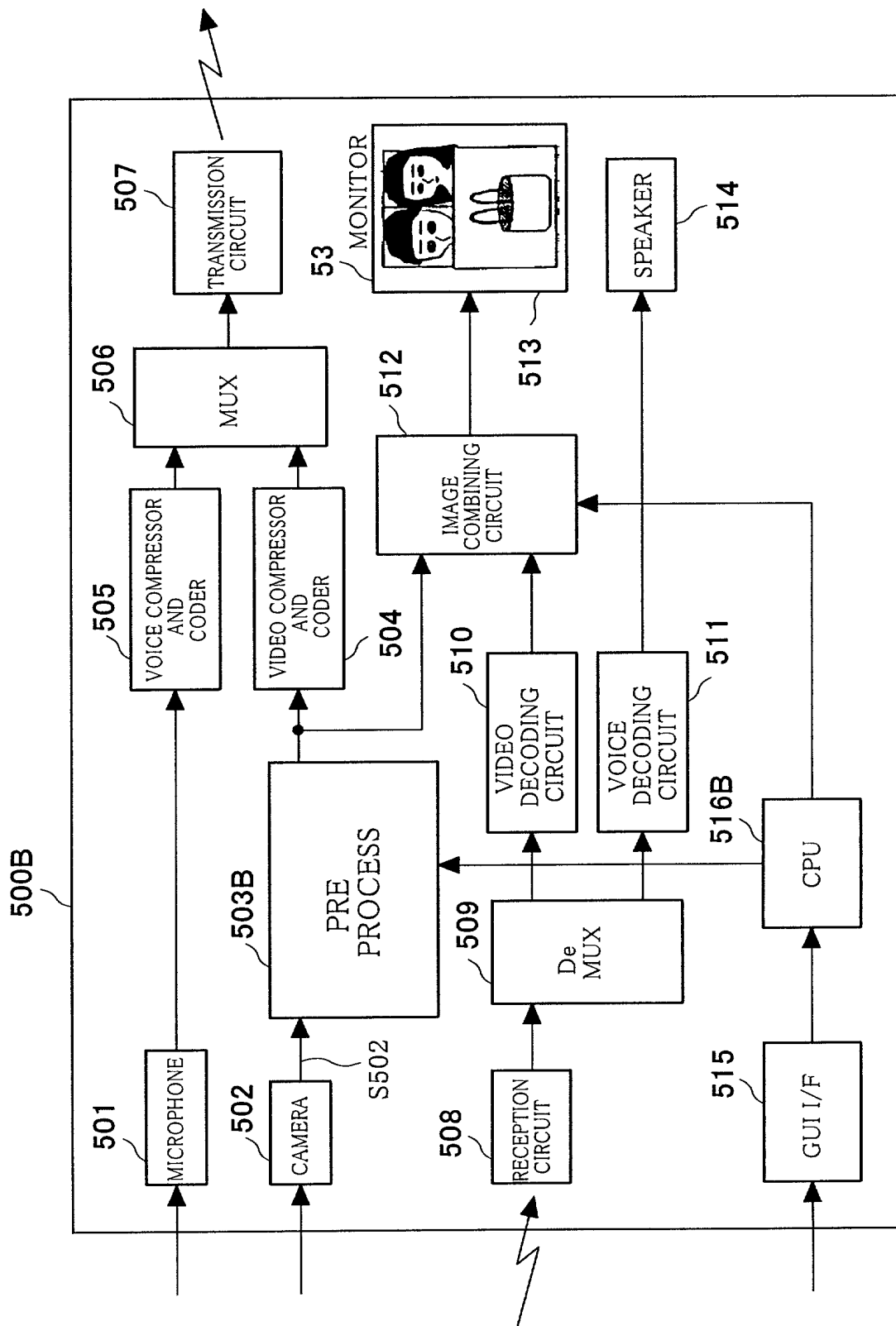


FIG.18

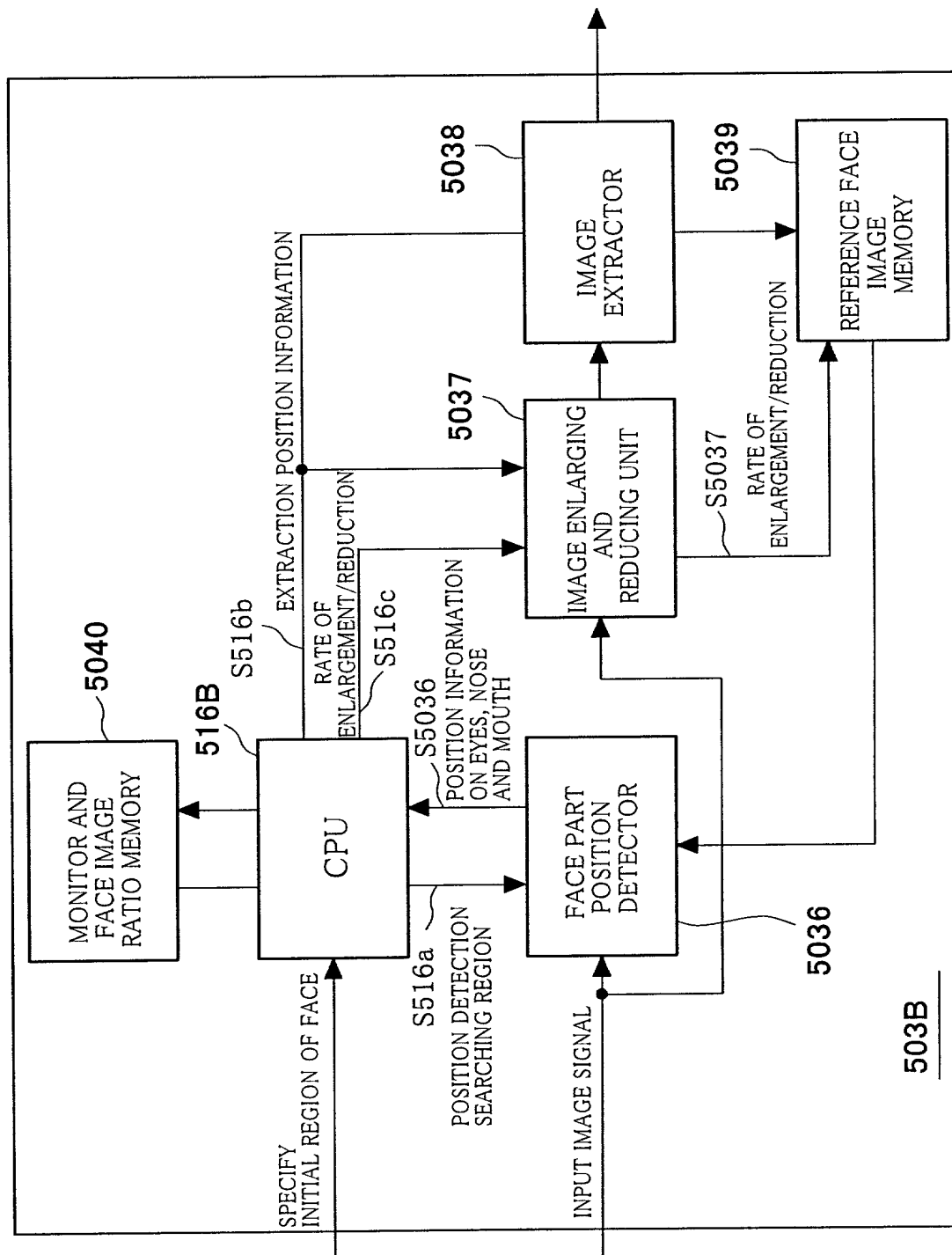


FIG.19

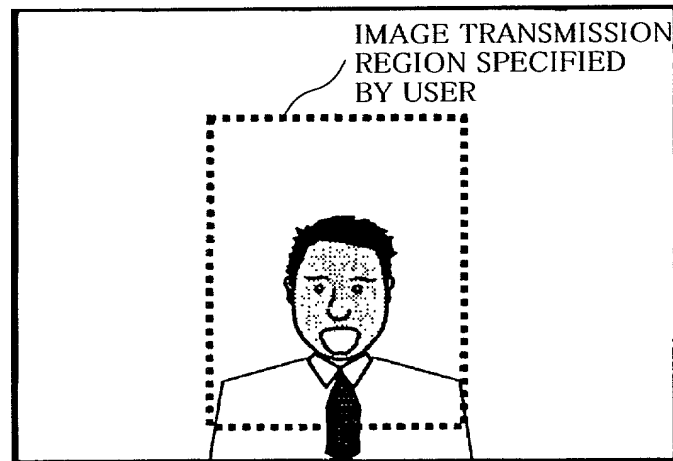


FIG.20

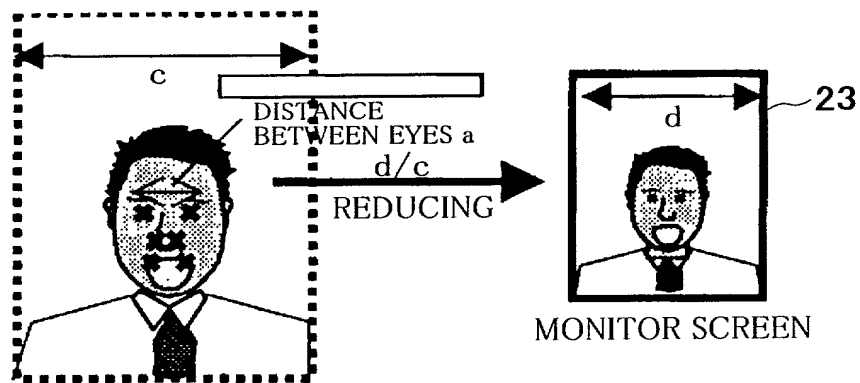
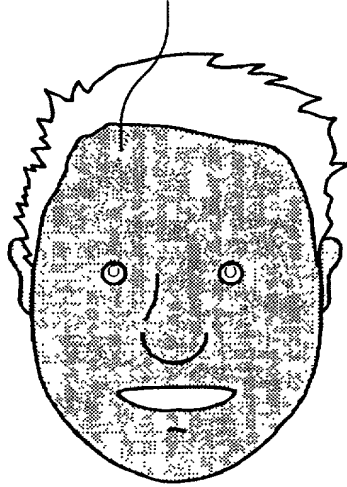


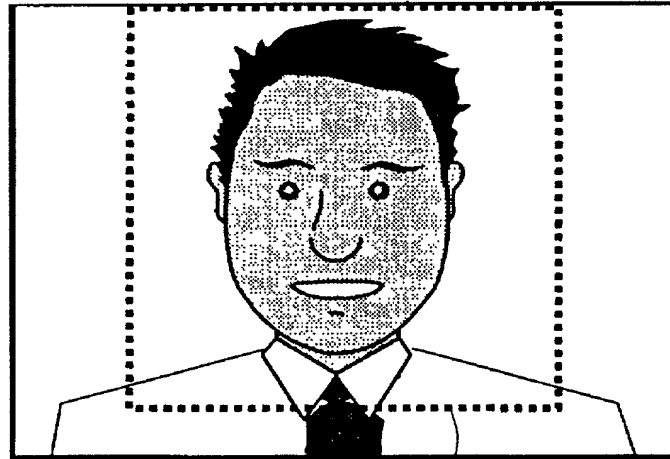
FIG.21

PIXELS IN SPECIFIED INITIAL REGION e



PIXELS OF SKIN COLORS
IN SPECIFIED INITIAL REGION f

FIG.22



FACE PART SEARCHING REGION

FIG.23

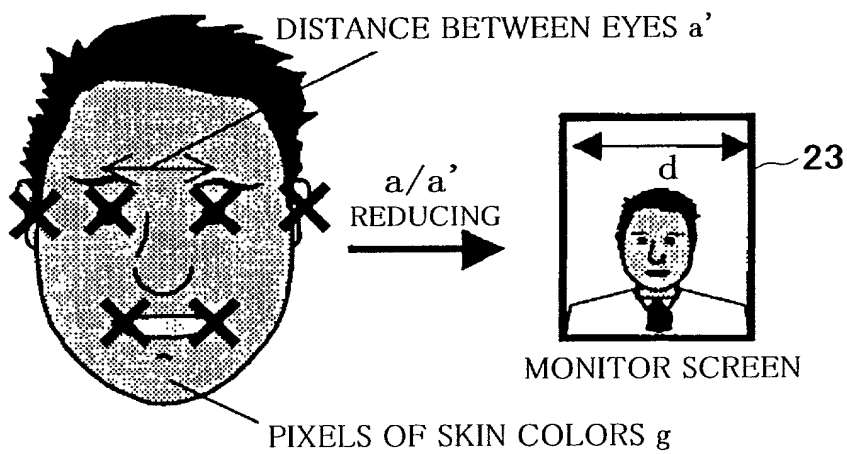


FIG.24

